b. a first mirror and a second mirror disposed on an optical axis of laser beam emitted from the laser medium excited by said discharge tube;

c. a first mirror holder and a second mirror holder for holding said first mirror and second mirror respectively;

d. a plurality of mirror holder connecting members for connecting said first mirror holder and second mirror holder;

e. a discharge tube support for supporting said discharge tube; and

f. a rib for connecting said plurality of mirror holder connecting members mutually in other portion than the mirror holders, or with the discharge tube support.

3. (Withdrawn) The laser oscillator of claim 2, wherein said rib is configured to force the plurality of mirror holder connecting members in mutually central direction.

4. (Withdrawn) The laser oscillator of claim 2, wherein said rib is configured to force the plurality of mirror holder connecting members in mutually departing direction.

5. (Withdrawn) The laser oscillator of claim 1, further comprising a rib for connecting said plurality of mirror holder connecting members mutually in other portion than the mirror holders, or for connecting with the discharge tube support.

6. (Withdrawn) The laser oscillator of claim 1, wherein said first fixing part comprises a rotary shaft member disposed so that a shaft thereof being vertical to the laser beam axis, and a rotary shaft support for supporting the rotary shaft member from the mirror holder and discharge tube base, while keeping a degree of freedom in a rotating direction in a vertical plane with respect to the shaft of the rotary shaft member.

7. (Withdrawn) The laser oscillator of claim 1, wherein an elastic force is applied in the rotary shaft direction of the fixing tool.

8. (Currently amended) A laser oscillator comprising:

~~a.~~ a discharge tube ~~for passing~~ operable to pass laser gas inside thereof and ~~exciting~~ to excite the laser gas; and

~~b.~~ a laser gas passage ~~for supplying~~ operable to supply the laser gas to said discharge tube, said laser gas passage being connected to said discharge tube,

~~c. wherein a following relation is satisfied.~~ wherein a width B of said discharge tube in a direction normal to a gas flow direction in said laser gas passage near a connection portion of said discharge tube and said laser gas passage is larger than an inner diameter A of said discharge tube, and a following relation is satisfied

$1.1A < B < 1.7A$

~~where A is an inner diameter of the discharge tube, and B is a width in a vertical direction to a gas flow direction of the laser gas passage near a laser gas inlet of the discharge tube~~.

9. (Currently amended) A laser oscillator comprising:

~~a.~~ discharge tube ~~for passing~~ operable to pass laser gas inside thereof and ~~exciting~~ to excite the laser gas; and

~~b.~~ a laser gas passage ~~for supplying~~ operable to supply laser gas to said discharge tube, said laser gas passage being connected to said discharge tube,

~~c. wherein a columnar protrusion of height of C from the discharge tube center and inner diameter of D is provided in a laser gas inlet confronting part of the discharge tube,~~ wherein a columnar protrusion is provided to said discharge tube, said columnar protrusion being provided at a portion opposite to a connection portion of said discharge tube and said laser gas passage, ~~and following relations are satisfied.~~

wherein the following relations are satisfied

$0.5A < C < 0.9A$

$0.7A < D < 0.9A$, and

~~where~~ wherein A is an inner diameter of ~~the~~ said discharge tube, C is a height of said

columnar protrusion from a center of said discharge tube and D is a inner diameter of said columnar protrusion.

10. (Currently amended) ~~A~~ The laser oscillator of claim 8, further comprising:

~~a. discharge tube for passing laser gas inside and exciting the laser gas; and~~

~~b. a laser gas passage for supplying laser gas to said discharge tube,~~

~~c. wherein~~ a columnar protrusion ~~of height of C from the discharge tube center and inner diameter of D is provided in a laser gas inlet confronting part of the discharge tube,~~ being provided to said discharge tube at a portion opposite to a connection portion of said discharge tube and said laser passage, ~~and following relations are satisfied.~~

wherein the following relations are satisfied

$1.1A < B < 1.7A$

$0.5A < C < 0.9A$

$0.7A < D < 0.9A$, and

~~where A is an inner diameter of the discharge tube, and B is a width in the vertical direction to the gas flow direction of the laser gas passage near the laser gas inlet of the discharge tube.~~ wherein C is a height of said columnar protrusions from a center of said discharge tube, and D is a inner diameter of said columnar protrusion.

11. (Currently amended) The laser oscillator of claim 9, wherein said columnar protrusion ~~of height of C from the discharge tube center and inner diameter of D provided in the laser gas inlet confronting part of the discharge tube~~ is composed of dielectric materials.

12. (Currently amended) The laser oscillator of claim 10, wherein said columnar protrusion ~~of height of C from the discharge tube center and inside diameter of D provided in the laser gas inlet confronting part of the discharge tube~~ is composed of dielectric materials.

13. (Currently amended) A laser oscillator comprising:

~~a.~~ a discharge tube ~~filled with laser gas~~ having two ends and being operable to pass laser gas inside thereof and to excite the laser gas, said discharge tube being provided with a hole opened to an outside thereof;

a laser gas passage operable to supply laser gas to said discharge tube, said laser gas passage being connected to said discharge tube;

~~b.~~ electrodes disposed at both ends of said discharge tube; ~~and~~

~~c.~~ a high voltage power supply ~~for applying~~ operable to apply a high voltage between said ~~electrodes,~~ electrodes; and

~~d. wherein a hole is opened in the discharge tube, and an auxiliary electrode is disposed in said hole, said auxiliary electrode being connected to one of said electrode via a high resistance resistor.~~

an auxiliary electrode covering the opened hole, said auxiliary electrodes being provided outside of said discharge tube,

wherein said auxiliary electrode is connected to one of said electrodes via a high resistance resistor, and a distance between the hole and an electrode not connected with said auxiliary electrode is between 0.4L and 0.7L, where L is a distance between said electrodes disposed at both ends of said discharge tube.

14. (Canceled)

15. (Currently amended) The laser oscillator of claim 13, wherein ~~the~~ a resistance of said high resistance resistor is 1 MΩ or more and 100 MΩ or less.